

Colegio Colombo Británico - Bach Section
Logros & Achievement Indicators Grade 9 Chemistry
Diploma
2014 - 2015

OBJETIVOS	LOGROS	Indicator		
		Term 1	Term 2	Term 3
A: Knowing and Understanding	i. explain scientific knowledge ii. apply scientific knowledge and understanding to solve problems set in familiar and unfamiliar situations iii. analyse and evaluate information to make scientifically supported judgments.	i. explain the atomic model ii. apply scientific knowledge and understanding to solve chemical equations ii. understand and apply isotope notation and the differences in their physical properties.		
B: Inquiring and designing.	i. explain a problem or question to be tested by a scientific investigation ii. formulate a testable hypothesis and explain it using scientific reasoning iii. explain how to manipulate the variables, and explain how data will be collected iv. design scientific investigations.	i, ii, iii and iv - Emission spectra design practical.		

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C: Processing and evaluating	i. present collected and transformed data ii. interpret data and explain results using scientific reasoning iii. evaluate the validity of a hypothesis based on the outcome of the scientific investigation iv. evaluate the validity of the method v. explain improvements or extensions to the method.	i, ii, iii, iv and v - Emission spectra design practical.		
D: Reflecting on the impacts of Science	i. explain the ways in which science is applied and used to address a specific problem or issue ii. discuss and evaluate the various implications of the use of science and its application in solving a specific problem or issue iii. apply scientific language effectively iv. document the work of others and sources of information used.	i. explain the ways in which nuclear energy is applied and used to address a specific problems ii. discuss and evaluate the various implications of the use of nuclear energy and its application in solving a specific problem or issue iv. document the work of others and sources of information used.		